

ABSTRACT OF THE DISCLOSURE

A primary side current detecting resistor 5 detects a primary side current value divided from a DC power supply 1 to the primary side of a DC power supply circuit 2, an output current detecting 5 resistor 6 detects an output current value split into an inverter circuit 3 onward, a total current detector 7 detects a total current value flowing to a plurality of load circuits such as the DC power supply circuit 2 and the inverter circuit 3 from the current values detected, and a controller 8 controls the 10 output power by controlling a switching transistor 24 of the DC power supply circuit 2 in response to the total current value detected, thereby controlling the current I_b fed from the DC power supply 1.